

Abstract

The measurement of gossypol in cotton seed products using conventional methods namely spectrophotmetric, NMR methods, chemiluminescent method, gas-liquid chromatography polarography, thin layer chromatography and paper chromatography are tedious, time-consuming, high cost and needs calibrated systems. In the present
10 invention, a low cost and portable system is devised and the concentration of total gossypol is directly displayed on LCD in 'mg/l' or 'ppm' from the test solution and no standard solution is required to make calibration curve for measuring the absorbance.

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